

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2015-10
Green / US 68 / 4-397.10

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County – Green

Route – US 68

Item No. 4-397.10 (Identified in the 2014 Six Year Plan as 8-8710.00)

Project Description – US68 improvements from T Davis Rd to Clover Lick Creek (MP 6.425 to 11.744) as per 3-203 Scoping Study (Spot Improvements #11, 12 & 13)

II. PROJECT INFORMATION

Project Manager – Larry S. Krueger, P.E.

User Division - Highway Design

Approximate Fee - \$950,000 Preliminary Engineering & Environmental (Lump Sum)

Project Funding – Federally Funded (STP)

Project Length – Approximately 5 miles

III. PURPOSE AND NEED

The purpose of this project is to implement recommendations from the 2015 US 68 Corridor Scoping Study for Green and Metcalfe Counties (SYP 3-203) for priority segments identified in Green County between T Davis Road and Clover Lick Creek. The goal is to provide a safer, more efficient route by improving horizontal and vertical curvature deficiencies. Over the past 5 years there were 27 total collisions within this section of US 68, including 10 injury crashes. The majority of these collisions (67%) were single vehicle incidents. The US 68 corridor provides a direct connection between the City of Greensburg and the new Cumberland Parkway Interchange in Edmonton.

US 68 runs approximately 400 miles across Kentucky from Paducah to Maysville. Carrying between 900 and 9,100 vehicles per day through Metcalfe and Green counties, US 68 is a Rural Major Collector of 22 miles in length between the interchange under construction with the Cumberland (Nunn) Parkway north of Edmonton in Metcalfe County and the US 68/KY 61 intersection south of Greensburg in Green County. Through Greensburg, US 68 is a Rural Minor Arterial for 2.3 miles between the south KY 61 intersection and the north KY 61/KY 3535 (Industrial Park Road) intersection. Past Improvements have been made to the US 68 corridor between Greensburg (through Campbellsville) and Lebanon. These have provided a safer and more reliable connection to the Bluegrass (Martha Layne Collins) Parkway north of Lebanon

and Springfield via KY 55 and KY 555.

IV. DBE REQUIREMENT

The consultant team shall include a DBE Participation Plan with their Response to Announcement. An additional page will be allowed with the Project Approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected consultant will be required to provide engineering, surveying and environmental services to perform Preliminary Engineering and Environmental. Preliminary Design shall include at a minimum; conducting public involvement activities throughout the design process, appropriate typical sections, proposing and analyzing alternatives, utility impacts, line and grade, and dependable cost estimates. Anticipated Environmental services are outlined in Section IX.

The selected Consultant may be asked to provide engineering services to perform Final Roadway Design on all or part of the project limits, which would be added to the contract by contract modification, when Preliminary Design is complete. Final design will include the preparation of any design studies, drainage design, Final Right of Way Plans, construction plans, traffic control plans and cost estimates as necessary to provide Final Grade, Drain and Surfacing Plans for the project.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

US 68 / Greensburg Connector Scoping Study (Final, March 2015):

[US 68 Scoping Study, Item No. 3-203 - Final Report](#)

VIII. METHOD OF DESIGN

The selected consultant shall utilize the current CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

The selected Consultant will provide the Environmental Services for this project. It is anticipated that this project will require an Environmental Assessment, however in consultation with FHWA it may be reduced to a Categorical Exclusion Level 3 document.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide statewide aerial imagery and LiDAR data (LAS format) for the project area which should be sufficient for the majority of the Preliminary Engineering work. The consultant will be responsible for any supplemental survey required to complete preliminary design.

Photogrammetry will be completed via contract modification when determined necessary by the Cabinet's Project Manager. Prequalification for 'Photogrammetry and Related Services' is required to respond. Additional survey by conventional survey methods will be required should the contract be modified into Final Design.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design although preliminary structure layout and sizing may be required. Should the contract be modified into Final Design the consultant shall complete the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for all applicable structure(s). Structural Design of some or all of the proposed structure(s) may be added as a Contract Modification. Prequalification in Structure Design for Spans under 500' is required to respond to this advertisement.

XII. TRAFFIC

The Department will provide all traffic projections and related information for the project.

XIII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services for the project. The Consultant will be responsible for providing Geotechnical Investigation Submittal information at the conclusion of Preliminary Engineering.

XIV. RIGHT OF WAY

The Department will provide Right of Way Acquisition Services for the project. The Consultant will be responsible for providing Preliminary Right of Way plans at the conclusion of Preliminary Engineering.

XV. UTILITIES

The Department will coordinate Utility Design Services for the project. The Consultant will be responsible for locating all Utilities on plans provided to the Department. The Consultant will provide the Cabinet a list of Utility Owners located in the field and the Cabinet will provide and maintain a Utility Contact List.

XVI. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

ROADWAY DESIGN

- Rural Roadway Design
- Surveying

- Photogrammetry and Related Services

STRUCTURE DESIGN

- Spans under 500'

ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS

- Fisheries (Probably need mussel surveys at Russell Creek)
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing & Coordination

ENVIRONMENTAL & UST SERVICES

- Hazmat Preliminary Site Assessment (Phase 1)
- UST Preliminary Site Assessment

XVII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date – April 14, 2015
- Response Date – May 6, 2015 by 4:30 PM ET (Frankfort Time)
- First Selection – May 12, 2015
- Final Selection – May 27, 2015
- Pre-Design Conference – June 3, 2015
- Fee Proposal – June 12, 2015
- Contract Negotiations – June 24, 2015
- Notice to Proceed – August 1, 2015

XVIII. PROJECT SCHEDULE

Preliminary Line and Grade – May 1, 2016

XIX. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway

project for KYTC and/or federal, local or other state governmental agencies. (10 Points)

2. Capacity to comply with project schedule. (5 Points)
3. Past record of performance on projects similar in type and complexity. (10 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 Points)
5. DBE Participation Plan (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XX. SELECTION COMMITTEE MEMBERS

1. Larry S. Krueger, PE, User Division
2. David Martin, PE, User Division
3. Travis Thompson, PE, Secretary's Pool
4. Jill Asher, PE, Secretary's Pool
5. Cole Mitcham, Governor's Pool

**PROJECT MAP
GREEN COUNTY
ITEM NO. 4-397.10
US 68 IMPROVEMENTS**

